

ABSTRACT OF THE DISCLOSURE

A system and method for representing and maintaining redundant data sets utilizing system DNA transmission and transcription techniques comprising a system of symbolic exchange used for data transmission whose lexicon is based on the provision of unique and consistent identifiers (or symbols) for transmitted data utilizing "sticky byte" factoring. A protocol is provided for determining which entries (comprising unique identifier to corresponding data pairs) in a local lexicon (or "Primordial Data Pool") are contained in a remote lexicon and can, therefore, be used in a transmission in lieu of the data itself. A mechanism is further provided through which the local lexicon can add newly presented unique identifier to corresponding data pairs to one or more remote lexicons.